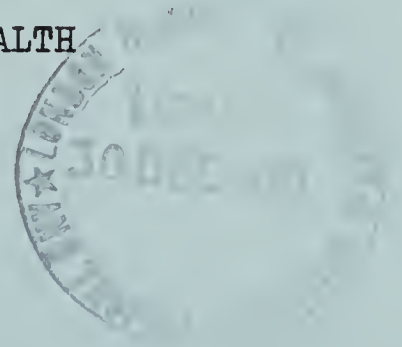


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RURAL DISTRICT COUNCIL OF MALDON

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
1 9 6 8



PUBLIC HEALTH COMMITTEE, 1968

Chairman of the Council: Councillor Mr. G. H. Barber, J.P.

Vice-Chairman of the Council: Councillor Mr. E. A. Ratcliff

Chairman: Councillor Mr. H. L. Frost

Vice-Chairman: Councillor Dr. J. G. Madden

Members: Councillors Mr. J.C. Bailey
Mr. S. Banyard
Mr. R.L. Bass (Jnr.)
Mrs. C.A. Birkin
Mrs. B.A. Board
Mr. D.J. Fisher, C.C.
Mr. A. Green
Mr. C.J. Greenhill
Mr. A.F. Ratcliff
Mr. P.H. Sparrow
Mr. W.H.R. Still
Mr. G.C.H. Wilsdon, J.P.

Clerk to the Rural District Council:

Ed. Robinson, A.C.C.S.
From 1.5.68.

Surveyor and Water Engineer:

I. M. Nicholson, C.Eng., M.I.Mun.E., M.I.P.H.E.

PUBLIC HEALTH STAFF.

Medical Officer of Health:

J. A. Slattery, M.R.C.S., L.R.C.P.,
D.P.H., who also acts in this capacity
for the Borough of Maldon, Urban District
of Burnham-on-Crouch and the Rural District
of Chelmsford. to 31.8.68.

Dr. B.V. Hassan, M.B., B.Ch., B.A.O., D.P.H.
from 5.12.1968.

Senior Public Health Inspector:

L.F. Newnham, F.R.S.H., M.A.P.H.I.,
A.I.H.M.

Deputy Public Health Inspector:

R.S. Fierheller, A.R.S.H., M.A.P.H.I.

Public Health Inspector:

J.J. Knight

Clerks to the Public Health
Inspectors:

Mrs. V. Lees
Miss E. Tones to 19.7.68.
Mrs. A. Gardner from 29.7.68.

Clerk to Medical Officer of
Health:

Mrs. J. Rees

To the Chairman and Members of the Maldon Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting the Annual Report of the district for the year 1968, compiled in accordance with the Public Health Officers Regulations, 1959, and Circular 1/69 of the Department of Health and Social Security.

As I only took up the appointment of Medical Officer of Health in December, 1968 I am obviously unable to comment in any depth. Accordingly the statistics must largely speak for themselves. I have altered the format slightly to make them more easily understandable.

The general health of the district is satisfactory and no serious outbreak of communicable disease occurred.

The adjusted birth rate (that is the crude rate modified to make it comparable with other areas and with the country as a whole) was very high at 24.5 per 1,000 population. The figure for England and Wales was only 16.9. The adjusted death rate, too, at 9.7 per 1,000 population compares favourably with the national rate which was 11.9.

Regarding the causes of death it is interesting to note that diseases of the heart and circulation accounted for almost half (48.3%) of all deaths, while malignant diseases (cancers) caused 18.3%. Between them, therefore, these two groups of causes of death were responsible for exactly two thirds of the total deaths.

Finally I must express my thanks to the Senior Public Health Inspector and all the staff of the Public Health Department for the able way they carried out their duties in the difficult time before I assumed duty, when no Medical Officer regularly visited the district. My thanks are also due to the Engineer and Surveyor for the information regarding the water supply.

I remain, Mr. Chairman, Ladies and Gentlemen

Yours faithfully,

B.V. HASSAN. M.B., B.Ch., B.A.O., D.P.H.

Medical Officer of Health.

STATISTICS

(Figures in brackets refer to 1967)

General Data

Area (in acres).....	78,505	(78,505)
Number of houses (mid year).....	7,146	(6,879)
Number of houses per acre (average).....	.091	(.088)
Number of persons per house (average).....	2.7	(2.7)
Rateable Value.....	£768,259	(£759,540)
Product of a penny rate	£3,250	(£3,150)
Rate in the pound (financial year 1968/69).....	13/-d	(12/4d)

Population

Resident population (Registrar General's mid-year estimate).....	19,090	(18,570)
Increase over the previous year.....	520	(490)
Percentage increase.....	2.85	(2.64)
Natural increase (excess of births over deaths)....	189	(141)
Increase due to immigration.....	331	(301)

BIRTHS

(a) Live Births

		<u>M</u>		<u>F</u>
Legitimate	195	(157)	182	(173)
Illegitimate.....	<u>18</u>	<u>(11)</u>	<u>7</u>	<u>(8)</u>
Total.....	213	(168)	189	(181)
Crude birth rate.....per 1,000 population		21.1	(18.8)	
Adjusted birth rate....." " "		24.5	(22.5)	
Birth rate - England and Wales....." " "		16.9	(17.2)	
Ratio of adjusted birth rate to national rate		1.45	(1.30)	
Illegitimate live births - percentage of total live births		6.2	(5.4)	

(b) Stillbirths

Legitimate.....	3	(-)	2	(2)
Illegitimate.....	<u>-</u>	<u>(-)</u>	<u>-</u>	<u>(-)</u>
Total.....	3	(-)	2	(2)
Stillbirth rate per 1,000 total births		12	(5.7)	
" " " " England and Wales		14	(14.8)	

(c) Total Births

Legitimate.....	198	(157)	184	(175)
Illegitimate.....	<u>18</u>	<u>(11)</u>	<u>7</u>	<u>(8)</u>
Total.....	216	(168)	191	(183)

Grand Total 407 (351)

DEATHS

(a) All ages

<u>M</u>	<u>F</u>
111 (105)	102 (103)
Total 213	(208)

Crude death rate per 1,000 population.....	11.2
Adjusted " " " " "	9.7
England and Wales " " "	11.9

(b) Deaths of Infants

(i) Under one year of age (Infant deaths)

Legitimate.....	6 (4)	1 (4)
Illegitimate.....	<u>- (-)</u>	<u>- (-)</u>
Total.....	6 (4)	1 (4)

Infant mortality rate per	
1,000 live births.....	17 (22.4)
" " " " England and	
Wales	18 (18.3)

(ii) Under four weeks of age (Neonatal deaths)

Legitimate.....	5 (3)	- (4)
Illegitimate.....	<u>- (-)</u>	<u>- (-)</u>
Total.....	5 (3)	- (4)

Neonatal Mortality rate per	
1,000 live births.....	12.4 (20.0)
" " " " England and	
Wales	12.3 (12.5)

(iii) Under one week of age (Early neonatal deaths)

Legitimate.....	5 (2)	- (3)
Illegitimate.....	<u>- (-)</u>	<u>- (-)</u>
Total.....	5 (2)	- (3)

Early Neonatal Mortality rate	
per 1,000 live births.....	12.4 (14.3)
" " " " England and Wales	10.5 (10.8)

DEATHS (CONTINUED)

(iv) Perinatal Mortality (Stillbirths and deaths under
one week of age combined)

Perinatal Mortality rate per		
1,000 live and stillbirths	25	(19.9)
" " " " England		
and Wales..	25	(25.4)

(c) Maternal Mortality (Deaths of women ascribed to pregnancy
or childbirth, including abortion)

Maternal Mortality rate per		
1,000 live and stillbirths	-	(-)
" " " " England		
and Wales..	0.24	(0.20)

CAUSES OF DEATH

		<u>Male</u>		<u>Female</u>		<u>Total</u>
B.18	Other Infective and Parasitic Diseases..	1	(-)	-	(-)	1 (-)
B.19(1)	Malignant Neoplasm-Stomach	2	(4)	2	(2)	4 (6)
B.19(2)	Malignant Neoplasm-Lung, Bronchus.....	5	(8)	1	(-)	6 (8)
B.19(3)	Malignant Neoplasm-Breast.....	-	(-)	6	(4)	6 (4)
B.19(4)	Malignant Neoplasm-Uterus.....	-	(-)	1	(2)	1 (2)
B.19(6)	Other Malignant Neoplasms, Etc.....	11	(14)	10	(8)	21 (22)
B.20	Benign and Unspecified Neoplasms.....	-	(-)	1	(-)	1 (-)
B.21	Diabetes Mellitus.....	1	(1)	1	(1)	2 (2)
B.46(3)	Mental Disorders.....	2	(-)	-	(-)	2 (-)
B.24	Meningitis.....	1	(-)	-	(-)	1 (-)
B.46(4)	Other diseases of nervous system etc....	2	(-)	2	(-)	4 (-)
B.26	Chronic Rheumatic Heart Disease.....	-	(-)	2	(-)	2 (-)
B.27	Hypertensive Disease.....	2	(3)	3	(-)	5 (3)
B.28	Ischaemic Heart Disease.....	32	(26)	17	(17)	49 (43)
B.29	Other forms of Heart Disease.....	4	(8)	5	(10)	9 (18)
B.30	Cerebrovascular Disease.....	8	(5)	20	(24)	28 (29)
B.46(5)	Other Diseases of the circulatory system	2	(6)	8	(5)	10 (11)
B.31	Influenza	1	(-)	4	(-)	5 (-)
B.32	Pneumonia	9	(6)	4	(12)	13 (18)
B.33(1)	Bronchitis & Emphysema.....	2	(6)	2	(3)	4 (9)
B.46(6)	Other diseases of Respiratory System....	2	(2)	2	(1)	4 (3)
B.34	Peptic Ulcer.....	3	(1)	-	(-)	3 (1)
B.36	Intestinal Obstruction & Hernia.....	1	(-)	1	(-)	2 (-)
B.46(7)	Other diseases of Digestive system.....	2	(-)	1	(-)	3 (-)
B.39	Hyperplasia of Prostate	1	(2)	-	(-)	1 (2)
B.46(8)	Other diseases, genico-Urinary System....	5	(-)	2	(1)	7 (1)
B.42	Congenital Anomalies.....	-	(1)	1	(3)	1 (4)
B.43	Birth Injury, Difficult Labour etc.....	4	(-)	-	(-)	4 (-)
B.45	Symptoms & Ill-defined Conditions.....	-	(4)	3	(6)	3 (10)
B.E.47	Motor Vehicle Accidents.....	2	(4)	2	(-)	4 (4)
B.E.48	All other accidents.....	4	(2)	1	(2)	5 (4)
B.E.49	Suicide & Self-inflicted injuries.....	2	(1)	-	(1)	2 (2)
All causes.....		111	(105)	102	(103)	213 (208)

COMMUNICABLE DISEASES

	Notifications according to age groups							Incidence rate per 10,000 population	
	Under 1	1 - 4	5 - 9	10 - 14	15 - 24	25 and over	Total	Maldon R.D.C.	England and Wales
Measles	-	4	3	-	1	-	8	4.2	48.6
Pneumonia	-	-	-	-	-	2	2	1.1	N.A.
Scarlet Fever	-	4	5	-	-	-	9	4.7	3.1
Whooping Cough	-	1	1	-	-	-	2	1.1	3.6
Infective Hepatitis	-	-	-	-	-	-	-	-	4.8*
Puerperal Pyrexia	-	-	-	-	1	-	1	0.5	N.A.
Polomyelitis	-	-	-	-	-	-	-	-	0.005
Food Poisoning	-	-	1	-	-	1	2	1.1	1.2
Erysipelas	-	-	-	-	-	4	4	2.1	N.A.
Tuberculosis	-	1	-	-	-	3	4	2.1	2.0

* Calculated on half year figures

N.A. = Not Available

PUBLIC HEALTH INSPECTIONS OF THE AREA

Description of Work		No. of Visits
Housings:	Disrepair and sanitary defects	80
	Recondition or demolition	65
	Overcrowding	76
Inspections re:	Council House applications	151
	Houses surveyed and recorded	134
	Certificates of Disrepair	-
	Miscellaneous	8
<hr/>		
Improvement Grants:		
Discretionary	Initial Visits	50
Improvement	Visits of works in progress	301
or Conversion	Visits upon completion	40
Standard Grants	Initial Visits	17
	Visits of works in progress	79
	Visits upon completion	9
<hr/>		
Public Health Acts:	Public Health nuisances	131
	Smoke nuisances	7
	Noise nuisances	11
<hr/>		
Sewerage and Drainage:	Surveys re proposed sewage schemes	125
	Drainage nuisances	282
	Drainage advisory visits	64
	Drain tests and inspections	224
	Closet conversions	69
<hr/>		
Public cleansing supervision:	Refuse Collection	60
	Refuse Disposal	65
	Nightsoil Collection	3
	Nightsoil Disposal	2
	Cesspool Emptying	19
	Cesspool contents disposal	NIL
	Civic Amenities Act	22
<hr/>		
Water Supply:		
Samples taken		
from:	Public Mains Supply	9
	Private Wells	7
	Swimming Pools	1
Other Visits		113
<hr/>		
Caravan Sites:		
	Permanent residential	NIL
	Seasonal holiday	12
	Individual sites	72
	Camping Sites	2
<hr/>		
	Carried forward	2,306

Description of Work		No. of Visits
Brought Forward		2,306
Food:	Bakehouses	4
	Fish Shops and Fish Fryers	6
	Game Dealer's Premises (Lcd.)	NIL
	General Provision shops	19
	Ice Cream Premises (Rgd.)	3
	Meat Products Premises (Rgd.)	2
	Meat Shops	11
	Warehouses	1
Food Premises	Poultry Dressing premises	5
Inspections:	Public houses and Inns	5
	Restaurants and cafes	8
	Slaughterhouses and meat inspection	579
	Street Vendors	7
	School kitchens and sculleries	4
	Work Canteens	NIL
	Dairies	1
	Canning Factories	-
	Food Complaints	10
	Food Factory	6
Rodent and Other Pests Control:		
	Surveys under Pests Act	28
Inspections re:	Treatment of Domestic Premises	NIL
	Treatment of Agriculture and business premises	2
	Other Pests	10
	Premises Disinfected	NIL
Factories and Workshops:		
	Factories with mechanical power	8
Inspections re:	Workplaces	NIL
	Outworkers premises	NIL
	Building and Engineering sites	NIL
Offices, Shops and Railway Premises Act:		
	Offices	NIL
	Shops	2
Miscellaneous:		
	Scrap Metal Dealers Act	1
	Animal Boarding Establishments Act	4
	Boiling of Waste Foods	5
	Pet Shops	NIL
Inspections re:	Notifiable Disease Investigations	15
	Disinfections	NIL
	Swimming Pools	3
	Schools (San. acc.)	NIL
	Houseboats	8
	Stables and Piggeries	4
	Miscellaneous Visits	114
TOTAL NO. OF INSPECTIONS UNDER PUBLIC HEALTH		3,181
Council House Management		
	Maintenance	168
	Modernisation	166
Inspections re:	Applications	153
	Revision of waiting lists	8
	Other Visits	71
TOTAL NO. OF ALL INSPECTIONS MADE		3,747

NOTICES SERVED AND COMPLIED WITH

NATURE OF WORK

Public Health and Housing Acts

	<u>Formal</u>	<u>Informal</u>	<u>Complied with</u>
Cesspool Nuisances	-	3	1
Dampness	-	1	1
Dirty Conditions	-	-	-
Drainage Nuisances	1	44	25
Keeping of Animals	-	1	-
Housing Defects	3	16	34
Fly Infestations	-	-	-
Noxious Effluvia	-	7	3
Inadequate Dustbins	1	-	-
Defective or Unsatisfactory			
Drains and Sewers	-	11	26
Refuse Accumulation	-	1	4
Abandoned Vehicles	-	1	1

Food Hygiene (General) Regulations

Unsatisfactory Washing Facilities	-	1	1
Lack of "Wash Your Hands" Notices	-	1	1
Unsatisfactory Cloakroom Facilities	-	-	-
Structural Defects	-	-	-
Unsatisfactory Sanitary Conveniences	-	-	-
Unsatisfactory Storage of Food	-	1	1
Unsatisfactory Cleanliness of Walls and Floors	-	1	1

Offices, Shops and Railway Premises Act

Provision of First Aid Equipment	-	-	-
Provision of Thermometer	-	-	-

SEWERAGE AND SEWAGE DISPOSAL SCHEMES

Schemes Prepared Direct by Your Engineer and Surveyor's Department

Bradwell-on-Sea Sewerage and Sewage Disposal Scheme

Work on this scheme was completed during the year and the sewers and works are now in operation.

Tolleshunt Knights Sewerage and Sewage Disposal Scheme

Work on this scheme is now well in hand. The sewers and the pumping stations have been completed and at present the Contractors are carrying out work on the construction of the laterals.

Steeple Sewerage Scheme

Approval has been received from the Ministry to this scheme and permission given to obtain tenders for the work.

Schemes Prepared by your Consultants

Althorne/Mayland and Maylandsea Sewerage and Sewage Disposal Scheme

Work commenced on this scheme in November, 1966 and approximately 60% of the work has now been completed.

Tolleshunt D'Arcy Sewerage and Sewage Disposal Scheme

Work commenced on this scheme in October, 1966 and approximately 50% of the work has now been completed.

Latchingdon, Cold Norton, Mundon and Stow Maries Sewerage and Sewage Disposal Scheme

Work commenced on this scheme in June, 1967 and approximately 70% of the work has now been completed.

Little Totham/Tolleshunt Major Sewerage Scheme

Ministry approval has now been received to the scheme and permission given to obtain tenders for the work.

Tollesbury Sewage Works

The scheme has been drawn up for extending these works and this has been submitted to the Ministry for consideration.

DRAINAGE IMPROVEMENTS AND PAIL CLOSET CONVERSIONS

During the year the following work has been carried out under the supervision of the Public Health Department.

Sewer Connections

Bradwell-on-Sea	68
Great Braxted	1
Dengie	1
Langford	1
Tillingham	1
Great Totham	8
Wickham Bishops	32
Woodham Walter	4
50 per cent contribution to cost of closet conversion (Section 47 of the Public Health Act 1936)	.. 6
Premises drained to Cesspools or Septic Tanks	.. .. 14
Conversions of pail closets to water closets	.. .. 36
Drains Reconstructed	.. .. 22

WATER SUPPLY

Water Consumption for the Year Ending 31st March, 1969

The water consumption during the year is set out in the following sheets together with the cost of pumping water from the Woodham Walter Pumping Station including the cost of maintenance of water towers together with a Summary of the work carried out on new services, repairs to existing services and mains and renewal of meters etc.

The consumption over the year is slightly down on the previous year and this is mainly accounted for by the wet summer of 1968.

During the year a further 320 new connections were made to new properties and approximately $3\frac{3}{4}$ miles of main was renewed and 1 mile of new main laid.

The estimated average population figure for the year is taken as 22,000.

During the year the work on the 3 water towers was completed and the towers at Great Whitmans, Purleigh and Oxley Green, Tolleshunt D'Arcy were put into operation and it is hoped that when the 7" and 8" main renewal from Steeple to St. Lawrence is finally completed that the tower at St. Lawrence can also be put into operation.

The Asheldham pumping station has now been closed down owing to the supply from the wells being too small to pump at an economic cost.

During the year the following renewals were carried out:-

Steeple to St. Lawrence	7" and 8"
Southend Road, Woodham	
Mortimer	3"

New mains were laid as follows:-

Harvey Road, Great Totham	3" and 4"
Queen Street, Southminster	3"
Little London Road,	
Goldhanger	3"
Great Totham Road,	
Wickham Bishops	3"
Roots Lane, Wickham	
Bishops (Part)	3"
Longmead Estate,	
Wickham Bishops (Part)	3"
Larkswood Estate,	
Tillingham	4"
Church Close, Wickham	
Bishops	3"
Eaton Way, Great Totham	3"

Particulars as to Consumption

	<u>1968/69</u>	<u>Daily</u>	<u>1967/8</u>	<u>Daily</u>
Domestic Consumption	219,330,000	601,000	224,294,000	613,000
Metered Supplies	230,369,000	631,000	235,250,000	643,000
Special Charges	<u>3,941,000</u>	<u>11,000</u>	<u>3,713,000</u>	<u>10,000</u>
	<u>453,640,000</u>	<u>1,243,000</u>	<u>463,257,000</u>	<u>1,266,000</u>

<u>Consumption per head per day</u>	<u>Gallons</u>	<u>Gallons</u>
Domestic	28	29
Non-Domestic	<u>29</u>	<u>30</u>
	<u>57</u>	<u>59</u>

Summary of Work Carried Out by Waterworks Department

<u>Description</u>	<u>Year Ending</u> <u>31.3.69.</u>	<u>Year Ending</u> <u>31.3.68.</u>
New Services installed	320	335
New Metered supplies installed	12	25
Meters changed on existing supplies	111	61
Meters removed from existing supplies	20	24
Services repaired	330	203
Services disconnected	7	18
Mains repaired	132	144
New Valves	27	30
New Hydrants	38	31
Hydrants repaired	69	45
Valves repaired	59	47
Valves and Hydrants removed	17	21
New Mains laid (Asbestos Cement)	1931 yards	1626 yards
Mains renewed (Asbestos Cement)	6274 yards	4650 yards

Total mileage of water mains of all sizes at
31.3.69. 200 $\frac{1}{2}$ Miles

SUMMARY OF WATER COSTS

Bulk Supply	Water Supply for Year ending 31.3.69				Water Supply for Year ending 31.3.68.			
	Total Gallons	Average Daily	Cost £	Cost per 1,000 Gallons	Total Gallons	Average Daily	Cost £	Cost per 1,000 Gallons
South Essex Waterworks Co.	270,808,000	742,000	30287/ 14/ 9	26.81d.	273,450,000	747,000	30559/ 2/ 11	26.82d.
Southend Waterworks Co.	130,370,000	357,000	28661/ 2/ 3	52.76d.	135,496,000	370,000	28903/ 2/ 0	51.24d.
Colchester Water Board	---	---	1/ 10/ 0	---	---	---	1/ 10/ 0	---
Chelmsford R.D.C.	---	---	---	---	---	---	---	---
	<u>401,178,000</u>	<u>1,099,000</u>	<u>58950/ 7/ 0</u>	<u>35.26d.</u>	<u>408,946,000</u>	<u>1,117,000</u>	<u>59463/ 14/ 11</u>	<u>34.89d.</u>
<u>Own Supplies</u>								
Asheildham	---	---	---	---	2,624,000	7,000	203/ 6/ 1	18.59d.
Warren Bottom	28,230,000	78,000)	---	---	26,121,000	72,000)	2638/ 11/ 11	12.25d.
Jacobs Well	24,232,000	66,000)	3770/ 8/ 9	17.21d.	25,566,000	70,000)	---	---
	<u>52,462,000</u>	<u>144,000</u>	<u>3770/ 8/ 9</u>		<u>54,311,000</u>	<u>149,000</u>	<u>2841/ 18/ 0</u>	<u>12.56d.</u>
Total Supplied	453,640,000	1,243,000	62720/ 15/ 9	33.18d.	463,257,000	1,268,000	62305/ 12/ 11	32.38d.

COMPARISON OF CONSUMPTION OF NON-DOMESTIC SUPPLIES 1968/69

Parish	No. of Meters 1968/9	Consumption by Meter 1968/69 in 1,000 Gallons	Estimated Consumption Special Charges 1968/69 in 1,000 Gallons	No. of Meters 1967/68	Consumption by Meter 1967/68 in 1,000 Gallons	Estimated Consumption Special Charges 1967/68 in 1,000 Gallons
Althorne	39	5,225	216	39	4,457	200
Asheldham	21	2,708	7	21	2,747	7
Brackwell-on-Sea	48	119,843	256	47	118,795	190
Braxted, Great	16	1,999	5	17	1,583	5
Braxted, Little	3	117	44	4	121	22
Burnham U.D.C.	1	345	---	1	---	---
Cold Norton	21	803	107	20	910	107
Dengie	16	2,141	5	17	1,676	5
North Fambridge	6	744	127	6	660	127
Goldhanger	11	784	58	11	1,037	58
Hazeleigh	12	1,260	45	13	1,355	45
Langford	5	464	6	5	694	6
Latchingdon	39	5,020	230	40	5,454	214
Maldon Borough Council	--	---	---	--	---	---
Mayland	65	9,724	84	66	8,951	79
Mundon	35	3,870	89	35	6,510	84
Purleigh	85	8,272	234	85	8,927	234
St. Lawrence	40	5,009	182	39	4,577	182
Southminster	60	6,509	435	61	6,786	440
Steeple	33	6,261	61	33	6,554	56
Stow Maries	19	2,134	---	18	1,969	---
Tillingham	26	3,989	118	26	4,848	118
Tolleshbury	23	3,741	178	24	4,388	173
Tolleshunt D'Arcy	46	4,556	270	47	4,905	254
Tolleshunt Knights	22	1,279	73	22	1,000	29
Tolleshunt Major	32	21,120	133	30	22,429	133
Totnam, Great	41	3,363	392	39	4,794	381
Totnam, Little	24	2,451	67	23	2,721	67
Uiting	2	791	11	3	919	16
Wickham Bishops	20	1,404	301	19	1,049	279
Witnam U.D.C.	1	244	---	1	224	---
Woodham Mortimer	27	1,923	124	27	1,967	119
Woodham Walter	26	2,276	83	26	2,243	83
TOTAL:-	865	230,369	3,941,000	865	235,250,000	3,713,000
AVERAGE DAILY	---	631,000	11,000	---	643,000	10,000

RECORD OF HABITABLE HOUSES AND WATER
SUPPLY AS AT 31ST DECEMBER, 1968

PARISH	Habitable Houses (not including Huts or Vans)	No. of Houses on Domestic Water Supply	Within 100yds of main water but not supplied	Where piped water supply is not available
Althorne	211	211	-	-
Asheldham	53	53	-	1
Bradwell-on-Sea	268	259	4	5
Braxted, Great	133	103	5	25
Braxted, Little	48	46	2	-
Cold Norton	232	232	-	-
Dengie	51	45	-	6
Fambridge, North	166	165	-	1
Goldhanger	209	207	-	4
Hazeleigh	42	42	-	-
Langford	62	50	-	12
Latchingdon	408	408	-	-
Mayland	276	271	5	-
Mundon	103	103	-	-
Purleigh	387	385	-	1
St. Lawrence	178	178	-	-
Southminster	924	915	2	15
Steeple	169	167	-	2
Stow Maries	84	84	-	-
Tillingham	337	315	11	9
Tollesbury	645	641	2	1
Tolleshunt D'Arcy	349	331	9	9
Tolleshunt Knights	199	199	-	-
Tolleshunt Major	152	145	2	5
Totham, Great	685	678	2	5
Totham, Little	114	104	4	6
Ulting	51	38	1	12
Wickham Bishops	444	419	-	22
Woodham Mortimer	163	159	3	1
Woodham Walter	203	184	2	17
TOTALS	7,346	7,237	59	159

Number of Properties in District receiving water supply
other than from Maldon Rural District Council

Langford and Ulting	..	..	..	..	27 Supplied direct by Southend Waterworks
Cold Norton	..	..	..	..	5 Supplied direct by Southend Waterworks
Ulting	..	..	..	..	7 Supplied by Braintree R.D.C.
Woodham Mortimer	..	..	..	..	4 Supplied by Maldon Borough Council
Goldhanger	..	..	..	..	1 Supplied by Maldon Borough Council
Little Totham	5 Supplied by Maldon Borough Council

Number of Properties outside Maldon Rural District
supplied by Maldon Rural District Council

Witham	..	..	..	..	..	20
Maldon	..	..	..	..	..	5

Sample of Water from Woodham Walter Pumping Station

Chemical Results in Parts
per Million

Appearance	..	..	..	..	..	Clear and Bright
Turbidity	..	..	..	..	..	Nil
Colour	..	..	..	..	..	Nil
Odour	..	..	..	..	..	Slight Chlorinous
pH	..	..	..	..	..	6.5
Free Carbon Dioxide	..	..	..	..	..	4.0
Electric Conductivity	..	..	..	..	..	480
Dissolved Solids dried at 180°C	..	..	..	..	..	345
Chlorine present as Chloride	..	..	..	..	..	42
Alkalinity as Calcium Carbonate	..	..	..	..	..	40
Hardness: Total	..	..	..	..	..	190
Carbonate	..	..	..	..	..	40
Non-carbonate	..	..	..	..	..	150
Nitrate Nitrogen	..	..	..	..	..	15
Nitrite Nitrogen	..	..	..	..	..	Absent
Ammoniacal Nitrogen	..	..	..	..	..	0.00
Oxygen Absorbed	..	..	..	..	..	0.20
Albuminoid Nitrogen	..	..	..	..	..	0.00
Residual Chlorine	..	..	..	..	..	0.65
Metals	..	..	..	..	..	Absent

Bacteriological Results

Number of colonies developing on Agar

1 day at 37°C	1 per ml.
2 days at 37°C	1 per ml.
3 days at 20°C	--- per ml.

Presumptive coliform Reaction:	Absent 100ml.
Bact. coli (Type 1)	Absent 100ml.

Report

This sample is clear and bright in appearance and is free from metals. It has however a faintly acid reaction due to its content of free carbon dioxide with low carbonate alkalinity on account of which it will tend to show corrosive action on metals. The hardness of the water is moderate and it contains no excess of mineral or saline constituents in solution. It is of a high standard of organic quality and bacterial purity.

These results indicate a pure and wholesome water, suitable for public supply purposes apart from the disadvantage of corrosive tendencies towards metals.

SOUTH ESSEX WATERWORKS COMPANY

Analysis of Purified Water
at Langham and Layer 1968

(PARTS PER MILLION)

	Langham Works (Average Weekly Analyses)	Layer-de-la-Haye Works (Average Weekly Analyses)
Total Dissolved Solids	532	443
pH Value	7.8	7.6
Residual Chlorine Cl.	0.42	0.40
Chloride Cl.	52	55
Nitrate Nitrogen	5.3	1.2
Nitrite Nitrogen	0.006	0.007
Hardness. Non-carbonate	146	142
Carbonate	247	150
Total	393	292
Free Ammonia (NH ₃)	0.15	0.18
Albuminoid Nitrogen	0.12	0.18
Oxygen absorbed (4 hours/27°C)	1.28	1.34
Iron (Fe)	0.01	0.01

Bacteriological Examinations

No. of Tests during year	314	314
% of samples which were free from Bact.Coli (Type 1) in 100 ml.	100.0	100.0
% of samples which were free from Coliform bacteria in 100 ml.	100.0	99.7
Maximum count of Coliform bacteria per 100 ml.	-	1

Sample of Water taken from the Mains of the
Southend Waterworks Company

Chemical Results in
Parts per Million

Appearance	..	..	..	..	Clear and Bright
Turbidity	..	..	..	..	Nil
Colour	..	..	..	..	7
Odour	..	..	..	..	Very faintly chlorinous
pH	..	..	..	..	8.7
Free Carbon Dioxide	..	..	..	..	Absent
Electric Conductivity	..	..	..	..	600
Dissolved Solids dried at 180°C	..	..	..	..	419
Chlorine present as Chloride	..	..	..	..	61
Alkalinity as Calcium Carbonate	..	..	..	..	25
Hardness: Total	..	..	..	..	145
Carbonate	..	..	..	..	25
Non-carbonate	..	..	..	..	120
Nitrate Nitrogen	..	..	..	..	3.4
Nitrite Nitrogen	..	..	..	..	less than 0.01
Ammoniacal Nitrogen	..	..	..	..	0.12
Oxygen Absorbed	..	..	..	..	1.3
Albuminoid Nitrogen	..	..	..	..	0.12
Residual Chlorine	..	..	..	..	0.35 at sampling
Metals: Iron, Zinc, Copper and Lead	..	..	..	..	Absent

Bacteriological Results

Number of colonies developing on Agar:

1 day at 37°C	0 per ml.
2 days at 37°C	0 per ml.
3 days at 20°C	2 per ml.

Presumptive Coliform Reaction	Absent 100 ml.
Bact coli (Type 1)	Absent 100 ml.
Cl. Welchii Reaction	Present in 100 ml.
	Absent from 10 ml.

Report

This sample is clear and bright in appearance, faintly alkaline in reaction and free from metals. The hardness of the water is very moderate and it contains no excess of mineral or saline constituents in solution. It is of satisfactory organic quality and bacterial purity.

These results indicate a pure and wholesome water suitable for public supply purposes.

Swimming Baths and Pools

There is a small open air salt water pool at Tollesbury and small open air pools at Bradwell-on-Sea, Latchingdon and Purleigh County Primary Schools. Tests of the school pools in connection with efficiency of chlorination and pH value of the water are carried out at regular intervals.

PUBLIC CLEANSING

Household Refuse

A weekly collection is carried out by contractors in the Parishes of Southminster and Tollesbury and in the Broad Street Green area of Great Totham. Throughout the remainder of the district the collection is fortnightly.

Collection from the more outlying properties is fortnightly by Direct Labour.

Arrangements for the collection of more bulky items of household refuse may be made on application to the Public Health Department and this service is provided by Direct Labour.

Collection of Nightsoil

Until the Council's programme of main drainage is completed the number of properties without water closets must unfortunately remain high and is currently estimated at 870.

A weekly pail closet collection from all Parishes in the area is carried out by private contractors.

Emptying of Cesspools

The Council commenced a scheme for the emptying of cesspools throughout the district in April, 1961. The scheme allows for a once yearly free emptying.

Derelict Cars

The abandonment of derelict car bodies on wayside verges has unfortunately increased. It has been necessary for the Council to arrange for the removal of 7 car bodies during the year. This work is being carried out for the Council by a firm of Car Breakers.

Oil Pollution of Beaches

The district has been fortunate in this respect in that no pollution has occurred. The Essex County Council have an emergency plan for the coastal district of the County including the Maldon Rural District.

HOUSING

Statistics for the Year, 1968

Number of new houses erected during the year:

Total	297
(i) By the Local Authority	24
(ii) By other bodies and persons	273

The following table classifies the properties erected and owned by the District Council.

PARISH	4 Bed- room	3 Bed- room	2 Bed- room	1 Bed room	Total
Althorne	-	-	-	-	-
Asheldham	-	5	2	-	7
Bradwell-on-Sea	2	12	5	7	26
Braxted, Great	-	18	-	-	18
Braxted, Little	-	4	-	-	4
Cold Norton	-	10	-	-	10
Dengie	-	8	-	-	8
Fambridge, North	-	-	-	-	-
Goldhanger	-	80	4	8	92
Hazeleigh	-	6	-	-	6
Langford	-	-	-	-	-
Latchingdon	2	55	23	-	80
Mayland	-	12	-	-	12
Mundon	-	22	-	-	22
Purleigh	2	66	13	-	81
St. Lawrence	-	-	-	-	-
Southminster	13	177	8	12	203
Steeple	1	18	3	-	22
Stow Maries	-	18	-	-	18
Tillingham	-	51	6	7	64
Tollesbury	-	66	8	-	74
Tolleshunt D'Arcy	-	56	6	8	70
Tolleshunt Knights	-	10	-	-	10
Tolleshunt Major	2	13	2	-	17
Totham, Great	1	94	21	-	116
Totham, Little	-	11	-	-	11
Ulting	-	-	-	-	-
Wickham Bishops	2	51	8	-	61
Woodham Mortimer	-	18	-	-	18
Woodham Walter	-	24	14	-	38
Totals	25	904	123	42	1089

The total includes six Coastguard Cottages (parlour) re-erected on a new site in Bradwell-on-Sea and buildings at Asheldham and Southminster converted into six dwellings, nine cottages (non-parlour) purchased by the Council at Wickham Bishops, and 18 agricultural cottages (parlour) at Asheldham (4), Southminster (4), Steeple (6), Tolleshunt D'Arcy (4), 26 houses at Tillingham, 20 houses at Latchingdon and 93 houses at Southminster (built for occupation by employees of the Central Electricity Generating Board employed at Bradwell Generating Station).

Housing Act, 1957

Houses repairable at reasonable cost

No. of houses rendered fit after service of notices under Housing Act, 1957; Ss. 9, 10 and 16

Formal	Informal
Nil	70
---	---

No. of houses rendered fit after service of notices under Public Health Act:

By owner:

By local authority:

1

Totals:

By owner:

70

By local authority:

1

Houses Not repairable at a reasonable cost

No. of Undertakings accepted (S. 16)	..	..	..	..	..	14
No. of Closing Orders made (S. 17)	..	..	..	..	..	NIL
No. of Demolition Orders made (S. 17)	..	..	..	..	..	1
No. of Houses Demolished	..	..	..	..	..	18
No. of Persons Displaced						
(a) Individuals	..	..	..	..	..	19
(b) Families	..	..	..	..	..	12
No. of Clearance Areas represented during the Year	..	..	..	..	..	NIL

Housing (Financial Provisions) Act, 1958
as amended by
House Purchase and Housing Act, 1959

Improvement Grants:

(1) Standard

	Owner/Occupiers		Tenanted	
	Standard		Standard	
	5 Point	3 Point	5 Point	3 Point
1. No of Applications:				
received	16	-	1	-
approved	10	-	2	-
refused	-	-	-	-
2. No. of dwellings improved	12			
	£. s. d.			
3. Amount paid in grants .. .. .	..	..	..	1608. 17. 11.
4. Average grant per house . . . . .	..	..	..	134. 1. 6.
5. No. of amenities provided:				
(a) Fixed bath .. .. .	..	..	..	9
(b) Shower .. .. .	..	..	..	-
(c) Wash hand basin .. .. .	..	..	..	8
(d) Hot water supply (to any fittings) . . . . .	..	..	..	9
(e) Water Closet				
(i) Within dwelling .. .. .	..	..	..	7
(ii) Accessible from dwelling .. .. .	..	..	..	-
(f) Food Store .. .. .	..	..	..	5

(2) Discretionary

	Owner/Occupiers	Tenanted
1. No.of applications received	22	5
2. No.of applications approved	17	13
3. No.of applications refused	-	-
4. No.of dwellings improved	24	1
5. Amount paid in grants ..	...	...
6. Average grant per house	...	...
		£. s. d.
		8,680. -. -.
		347. 4. -.

Housing Act

The following table gives an analysis of the number of houses modernised since the improvement grant scheme was introduced in 1949:

PARISH	Improve- ment Grants.	Standard Grants	Council Houses	Total Modernised.
Althorne	22	4	-	26
Asheldham	3	4	-	7
Bradwell-On-Sea	20	6	-	26
Braxted, Great	10	2	6	18
Braxted, Little	9	2	-	11
Cold Norton	9	2	-	11
Dengie	5	-	8	13
Fambridge, North	19	3	-	22
Goldhanger	16	6	28	50
Hazeleigh	1	1	-	2
Langford	10	-	-	10
Latchingdon	9	3	-	12
Mayland	8	3	-	11
Mundon	7	1	-	8
Purleigh	14	10	18	42
St. Lawrence	5	-	-	5
Southminster	19	14	38	71
Steeple	11	1	-	12
Stow Maries	1	-	-	1
Tillingham	25	13	-	38
Tollesbury	97	27	30	154
Tolleshunt D'Arcy	22	5	-	27
Tolleshunt Knights	9	9	-	18
Tolleshunt Major	20	1	-	21
Totham, Great	57	16	26	99
Totham, Little	9	2	-	11
Ulting	12	3	-	15
Wickham Bishops	24	13	21	58
Woodham Mortimer	13	2	6	21
Woodham Walter	26	2	12	40
	512	155	193	860

Total number of houses in district at end of 1939 - 5,052

Housing Act, 1964

No. of Improvement Areas	..	..	..	..	..	..	..	NIL
No. of representations made by tenants outside Improvement Areas	..	..	..	..	..	..	..	NIL

Rent Act, 1957

Applications for Certificates of Disrepair	NIL
--	----	----	----	----	-----

Caravan Sites and Control of Development Act, 1960

No. of Site Licences operating as at 31st December, 1968:

(a) Individual	12 residential;	48 holiday
(b) Multiple	1 residential situated at Riverview Caravan Park, Althorne, which is licensed for 100 caravans. 7 holiday sites as follows:-	

Sites	No. of Licensed Caravan Sites
Green Man Camping Site, Bradwell-on-Sea	30
St. Cedds Caravan Park, East End Road, Bradwell-on-Sea	70
Everitts Caravan Park, Maylandsea, Latchingdon	30
Lawlinge Caravans, Maylandsea, Latchingdon	100
St. Lawrence Caravan Club, St. Lawrence Bay	400
Wick Farm Caravan Site, St. Lawrence Bay	100
Steeple Bay Caravan Park, Steeple	388

Total No. of Caravans:

Residential:	113
Holiday:	1,300

Unlicensed Caravan Sites

The use of unlicensed sites for permanent residence has presented some problems but as a result of informal action one of these sites has been cleared.

Tented Camping Sites

There are three tented camping sites in regular use during the year, the period of use not being sufficient to require formal licensing. Conditions at these sites are satisfactory.

Gypsies and Other Travellers

To date the Essex County Council has not established any official sites for gypsies in the County. Although travellers visit the district periodically to do seasonal work on farms they do not constitute a serious problem in the Maldon Rural District. It has been the policy of this Council to give sympathetic consideration to the rehousing of caravan dwellers including such travellers as show desire to settle in the district.

FOOD AND DRUGS ACT, 1955

Meat Inspection

Carcases Inspected and Condemned

	Cattle excluding Cows	Cows	Calves	Sheep	Pigs
Number killed	3,329	441	147	8,621	3,682
Number Not Inspected ..	---	---	---	---	---
<hr/>					
All diseases except Tuberculosis & Cysticerci					
Whole carcasses condemned	---	3	2	9	3
Carcases of which some part or organ was condemned	412	189	9	340	237
<hr/>					
Tuberculosis Only					
Whole carcasses condemned	---	---	---	---	---
Carcases of which some part or organ was condemned	---	---	---	---	10
<hr/>					
Cyster-ci					
Carcases of which some part or organ was condemned	6	2	---	---	---
Carcases submitted to Refrigeration	6	2	---	---	---
Generalised and totally condemned	---	---	---	---	---
<hr/>					
Meat Specimens Examined ..	NIL				

Meat Inspection (Amendment) Regulations 1966

No orders have been made specifying days and times of slaughtering.

Poultry Inspection

There are three poultry slaughter establishments in the district with an estimated total average through-put of 15,000. A general oversight over the inspection of poultry carried out by the trade in accordance with the Ministry of Health Circular 261/2 is maintained.

Slaughterhouses

Prevention of Cruelty Regulations:

Contraventions: NIL

Hygiene Regulations - Equipment

Contraventions: NIL

Hygiene Regulations - Hygiene Practices

Contraventions: NIL

Unsound Food Surrendered or Condemned

					Tons	Cwts	Lbs
1. Meat at Slaughterhouses	..	..	..		5	1	62
2. Meat at retail shops	..	..	..		-	-	22
3. Canned meats	..	..	..	..	-	-	16
4. Other Foods (Canned)	.	..	..	..	14	13	18
5. Fruit and Vegetables	.	..	..	..	-	1	110
6. Other Foods	..	..	..	..	-	1	100
Total	..	..	..		19	8	104

Foreign Bodies in Food

Commodity

Milk	..	..	..	..	2
Bread	..	..	..	..	1
Bacon	..	..	..	..	1
Meat Pies	..	..	..	..	1

Bakehouses

There are five bakehouses in the district situated in the following parishes:

Tillingham	1
Tollesbury	2
Wickham Bishops	2

Regular inspections are carried out and conditions are satisfactory.

Milk Supply

There are 29 licensed distributors of milk in the district.

ADMINISTRATION OF THE FACTORIES ACT, 1961

Inspections for the purposes of provisions as to Health, including inspections made by Public Health Inspectors.

	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(a) Factories in which Sections 1,2,3,4, and 6 are to be enforced by Local Authorities	2	-	-	-
(b) Factories not included in (a) in which Section 7 is enforced by the Local Authority	61	8	-	-
(c) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	9	-	-	-
TOTAL	72	8	-	-

OUTWORK (Sections 110-111)

Section 110		Section 111				
Nature of Work	No. of out-workers in August list required by Sect. 110 (1) (c) (3)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances unwholesome premises	Notices Served	Prosecutions
() Making	2	0	0	0	0	0
() etc	0	0	0	0	0	0
() Cleaning and washing	0	0	0	0	0	0
() Wearing Apparel	0	0	0	0	0	0
TOTAL	2	0	0	0	0	0

OFFICES SHOPS AND RAILWAY PREMISES ACT, 1963

Regulations and General Inspections

Class of Premises	No. of premises registered during the year	No. of registered premises at end of year	No. of registered premises receiving a general inspection during the year
Offices	---	19	---
Retail Shops	---	48	1
Wholesale Shops, Warehouses	---	---	---
Catering establishments open to the public, Canteens	---	---	---
Fuel Storage Depots	---	---	---
Totals:	---	67	1

Total No. of visits of all kinds by Inspectors to Registered Premises under the Act

1

No. of Contraventions Found

NIL

Exemptions

No. of applications received

NIL

No. of applications granted

NIL

Prosecutions

NIL

Reported Accidents

NIL

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

There are ten animal boarding establishments licensed under the above Act situated in the following parishes:

Althorne
Latchingdon
Purleigh
Southminster
Tolleshunt D'Arcy
Little Totham
Ulting
Woodham Mortimer

Regular inspections have been carried out and conditions were found to be satisfactory.

PET ANIMALS ACT, 1951.

There is one licensed pet shop situated at Latchingdon

SCRAP METAL DEALERS ACT, 1964.

There are thirteen scrap metal dealers registered under the above Act.

Four Exemption Certificates have been issued under Section 3(1) of the Act.

CLEAN AIR ACT, 1956.

Industrial.

No. of contraventions	.. ..	Nil
No. of plans submitted showing height of new chimneys	. ..	Nil
No. approved	Nil

Domestic.

No. of Smoke Control Areas	Nil
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NOISE ABATEMENT ACT, 1960 - S.1.

No. of complaints received	2
No. investigated	2
Total No. of visits	.. ..	4
No. of complaints received under Section II (Loudspeakers)		Nil

ESSEX COUNTY COUNCIL ACT, 1952. P.7.

Houseboats

During the year five written consents to moor or place houseboats were issued. These houseboats are situated in the parishes of Althorne, Latchingdon and Tollesbury.

PREVENTION OF DAMAGE BY PESTS ACT, 1949

The Council operates a rat destruction scheme and employs two full-time rat catchers. Work is carried out on farms, domestic premises and local authority undertakings, including refuse tips, sewerage works and sewers throughout the whole of the rural district.

The following is an analysis of the work carried out by the rat catchers during the year:

	<u>Non- Agricultural</u>	<u>Agricultural</u>
No. of Properties in district	6,954	309
Total No. of properties inspected as a result of notification	243	3
No. infested by rats	235	3
No. infested by mice	8	-
Total No. of Properties inspected for reasons other than notification	260	151
No. infested by rats	902	603
No. infested by mice	27	NIL

Table showing Census Population 1961 and 1951, and
Number of Houses Census 1951 and December, 1966

PARISH	Area in Statute acres (land and inland water)	Tidal water and fore- shore	Number of Houses 1951	Census Population		Number of Houses at end of Dec. 1966 exl. hutments
				1961	1951	
Althorne	2080	255	150	483	451	206
Asheldham	1310	---	51	180	170	54
Bradwell-on-Sea	5221	4230	217	1116	680	270
Braxted, Great	2634	---	115	322	363	131
Braxted, Little	622	---	45	131	162	47
Cold Norton ..	1692	---	129	416	401	234
Dengie	2856	1186	45	117	165	53
Fambridge, North	1242	107	86	240	278	168
Goldchanger ..	1622	---	157	506	462	210
Hazelsleigh ..	991	---	34	100	114	42
Langford	991	3	44	182	153	62
Latchingdon ..	3992	207	188	843	595	406
Mayland	1870	---	141	484	426	283
Mundon	3312	---	91	290	324	107
Purleigh	5535	87	297	914	886	383
St. Lawrence ..	2139	324	50	248	151	176
Southminster ..	6512	828	472	1897	1444	974
Steeple	2709	47	106	338	330	167
Stow Maries ..	1610	82	56	182	182	83
Tillingham ..	4928	2953	241	764	683	337
Tollesbury ..	4839	2019	539	1577	1594	642
Tolleshunt D'Arcy	4104	415	248	864	758	350
Tolleshunt Knights	1926	---	133	326	405	198
Tolleshunt Major	2253	2	126	341	403	153
Totham, Great ..	3389	---	395	1291	1221	685
Totham, Little	1281	---	86	237	292	113
Ulting	1034	---	44	108	132	51
Wickham Bishops	1606	---	275	911	866	426
Woodham Mortimer	1387	---	105	434	341	160
Woodham Walter	2620	---	173	499	531	202
TOTALS ..	78507	12385	4821	16341	14963	7373

